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High-frequency surgical apparatus

Applicant:

Siemens – Reiniger – Werke [Factories]
Aktiengesellschaft (AG) [Stock Corporation],
Luitpoldstr. 45-47, Erlangen, Germany

Walter Krause, Certified Engineer, Erlangen, Germany
is named as the inventor.

Claim1. High-frequency surgical apparatus with connections for at least one surgical electrode and a neutral electrode and with current supply connections characterized in that a specifically-selected induction coil (26, 27, 28) is connected preferably at the entry point of the grid power-supply cord into the apparatus, in each current-supply conductor to the generator, and in any protective conductors (18) present; that the total inductance of the parallel circuit of all coils increases the maximum capacitance (15) available between the protective housing and ground in the magnitude of about 50 to 500 pF for an oscillation circuit serving as a blocking circuit that is at least approximately adjusted to the operating frequency of the apparatus.